



FlightPlan.Cloud functionalities

General features:

- *Web based application with responsive web design for use on all types of devices*
- *Fully EAD/eEAD compatible via AIMSL interface*
- *possibility to transfer all existing EAD internet users together with all users FPL templates*
- *GDPR compliant*
- *Multilingual*
- *Online help*
- *user registration control, checking double registration (e-mail)*
- *3 user levels*
 - o *Administrator*
 - o *Manager (group supervisor)*
 - o *User*

Flightplan functionalities:

- *FPL templates*
 - o *Creating and storing flightplan templates*
 - o *Editing existing templates*
- *Creating flightplan proposals*
 - o *Format validation of all FPL mask fields*
 - o *Immediately validating ACFT type*
 - o *Automatic insertion of RMK in case of formation FPL (when more than 1 ACFT is inserted in field 9 Number)*
 - o *Auto filling Wake turbulence category*
 - o *Additional input mask for Radio Equipment and Surveillance Equipment*
 - o *Immediately Validating DEP, DEST and ALTN aerodrome code*
 - o *Selecting DEP, DEST and ALTN aerodrome from map*
 - o *Searching DEP, DEST and ALTN Aerodrome by ICAO, IATA and FIR code, by Aerodrome name and Aerodrome type*
 - o *Insertion of ZZZZ airfields from local table (editing by administrator)*
 - o *Composing route from map by selecting VFR significant point, NAV-AID or coordinate*
 - o *Additional input mask for Other information (FPL field 18)*
 - o *Validation of coordinates in field 18 in case of ZZZZ aerodrome*
 - o *Additional validations of EOB and DOF*
 - o *Validation of 19 Endurance in connection with Total EET*
 - o
- *User flightplan overview*
 - o *Filtering user FPL history*
 - o *Using existing FPL for template or FPL proposal creation*
 - o *Create change, delay, cancel, departure and arrival message from active FPL*
 - o *Creating different types of PIB from active FPL*



PIB functionalities:

- Generating Aerodrome PIB
- Generating Area PIB
- Generating Route PIB
- Generating Narrow route PIB
- Generating Point PIB
- Generating Special area PIB (Creating polygon from coordinates or from map)
- Briefing handbook – PIB history, creating PIB update or new PIB from existing
- Selecting aerodrome, FIR and route from map within PIB filter form
- Generating html, pdf and map view PIB
- Possibility to integrate METEO messages into PIB (METAR/SPECI, TAF, SIGMET)
- Predefined PIB filters (users can acquire predefined PIB (prepared by administrator) by only one click)

AIP Library:

- Access to PAMS pdf documents by filtering
 - Country
 - Product:
 - AIC
 - AIP:
 - GEN
 - ENR
 - AD
 - AMDT
 - Charts:
 - GEN
 - ENR
 - AD
 - SUP

Extended filter:

- Effective date
- File Heading
- File Name

Select and Download pdf documents

User profile:

- Creating, editing and deleting of personal aerodromes for using in FPL and PIB forms
- Creating editing and deleting of personal FIR for using in PIB forms
- Creating, editing and deleting of personal aerodromes for using in FPL and PIB forms
- Creating, editing and deleting of personal routes for using in FPL and PIB forms
- Personal settings ○ user can edit all except username ○ Setting FPL and SLOT notification ○ User can delete profile at any time
- Feedback functionality – sending feedback to administrator



Extended administrator functionalities:

- New user activation
- User management – editing, deleting and locking users
- Interface for creating and editing translations for multilingual interface
- Users Feedback review
- CMS – creating new static content within application
- Notice board – creating, editing and deleting publications in notice board
- Creating of broadcast messages for all users at once
- Creating, editing and deleting of predefined PIB filters
- Creating, editing and deleting list of airfields automatic insertion in FPL (ZZZZ + information in field 18)
- Creating user groups and managers (group administrators)
- Default settings:
 - o PIB settings (default message type preview, default briefing type default flight rules, default NOTAM purpose, default PIB validation time, Default lower and upper level, Default route display (e.g. DCT), Default narrow route width).
 - o FPL settings:
 - possibility to set pre-inserted default values for FPL form fields – 9 Number, 15 Speed, Route)
 - setting FPL overview default time interval
 - FPL notifications setting
- Default site services – possibility to shut down (hide) app functionalities (i.e. FPL).
- GDPR and system logs
- Statistics (general or by user): all statistics are presented in numerical and graphical presentation in daily, selected time period or yearly. Statistics type:
 - o User (Login, AIP request)
 - o PIB (all types of PIB and PIB updates)
 - o FPL statistics and FPL associated messages
- Administrator can see all FPL in FPL overview in read only mode. Administrator can manage only personal FPL. This functionality can be extended to all flights but currently it's restricted for security reasons.

Extended group administrator functionalities:

- After administrator created a group and its local administrators, user with manager rights can manage group – accepting requests for join the group and deleting group members.
- manager can see all members FPL in FPL overview in read only mode. Manager can manage only personal FPL.

The FlightPlan.Cloud operates as a standalone web server application on RHEL and can be hosted in our cloud or an ANSP environment if required. For additional information, please contact us at info@flightplan.cloud.